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CONFIRMATION NO. 1706

<b>SERIAL NUMBER</b> 10/500,982	<b>FILING OR 371(c) DATE</b> 07/02/2004 <b>RULE</b>	<b>CLASS</b> 062	<b>GROUP ART UNIT</b> 3744	<b>ATTORNEY DOCKET NO.</b> SHI 19.363 (310010-00078)	
<b>APPLICANTS</b> Jin Lin Gao, Allentown, PA; Ralph C. Longworth, Allentown, PA;					
<b>** CONTINUING DATA *****</b> <i>2nd</i> This application is a 371 of PCT/US03/06580 03/05/2003 which claims benefit of 60/361,651 03/05/2002					
<b>** FOREIGN APPLICATIONS *****</b> <i>none</i>					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>2nd</i> Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> PA	<b>SHEETS DRAWING</b> 5	<b>TOTAL CLAIMS</b> 12	<b>INDEPENDENT CLAIMS</b> 4
<b>ADDRESS</b> 026304					
<b>TITLE</b> Fast warm up pulse tube					
<b>FILING FEE RECEIVED</b> 856	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		